

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 29 March 2001 (29.03.2001)

PCT

(10) International Publication Number WO 01/20982 A2

(51) International Patent Classification7:

A01N

(21) International Application Number: PCT/US00/40939

(22) International Filing Date:

19 September 2000 (19.09.2000)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/155,033

20 September 1999 (20.09.1999)

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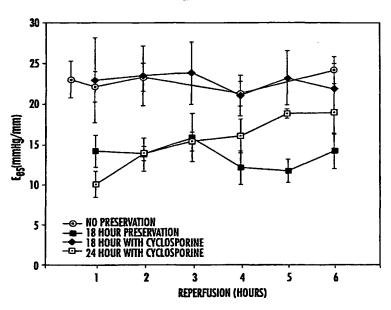
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- (81) Designated States (national): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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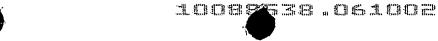
(54) Title: SOLUTION FOR THE PRESERVATION OF HEARTS

LEFT VENTRICULAR FUNCTION



(57) Abstract: The present invention is directed to preservation solutions for storing and perfusing a heart intended for transplantation to a patient requiring such implant. It was found that when cyclosporin is added to the preservation solution for to: (1) preserve the mitochondrial function which it does by maintaining adenosine triphosphate ("ATP") levels, and (2) to block apoptosis and prevent programmed cell death. Therefore, the preservation of the mitochondrial function prevents necrosis while blocking prevents apoptosis.







WO 01/20982 A2

Published:

 Without international search report and to be republished upon receipt of that report.

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